

**RIDERSERIES
RCM570S15****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Standard relays in the RIDERSERIES RCM

- 4 CO contacts
- Optionally AC or DC coils
- with test button
- Comes optionally with integrated status display and/or free-wheel diode

General ordering data

Type	RCM570S15
Order No.	8690150000
Version	RIDERSERIES, Relais, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248360802
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	22.5 mm	Height	28 mm
Depth	29 mm	Net weight	28.2 g

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-40 °C...+70 °C
Storage temperature	-40 °C...+85 °C		

Input

Rated control voltage	115 V AC	Rated current AC	8.8 mA
Coil resistance	4,845 $\Omega \pm 12\%$	Power rating	1.0 VA
Response drop-out voltage AC coil	92 V / 34.5 V	Status indicator	red LED

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	Inrush current	12 A / 20 ms
Max. switching power	1500 VA	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA
Max. switching frequency at rated load	0.1 Hz		

Contact specifications

No. of contacts	4	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 20 x 10 ⁶ Switching cycles, DC coil 30 x 10 ⁶ Switching cycles

general data

Test button	Yes	Wire connection method	Plug-in connection
Humidity	40 °C / 93 % rel. humidity, no condensation	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength input – output	2.5 kV _{eff}
Dielectric strength, contact contact	2 kV _{eff}	Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 μ s)	Protection degree	IP 20
Insulating material group	IIIa	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	with LED	Status indicator	red LED
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Further details of approvals / standards

Standards	IEC 61810-1, UL508
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Technical data**Connection data**

Wire connection method	Plug-in connection
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Classifications

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

Approvals

Approvals



ROHS

Conform

Downloads

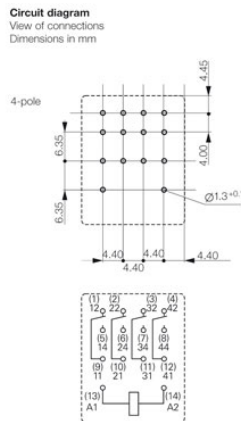
Declaration of Conformity	K295_02_13.pdf
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RIDERSERIES RCM570S15

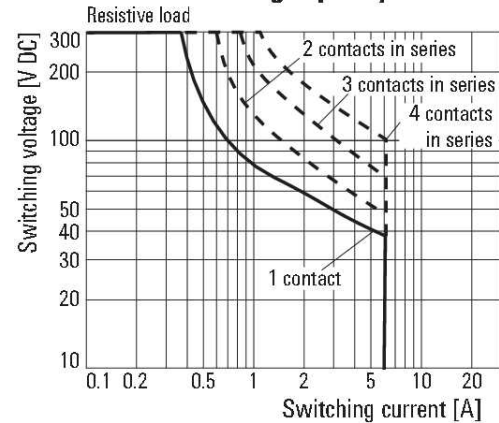
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Drawings

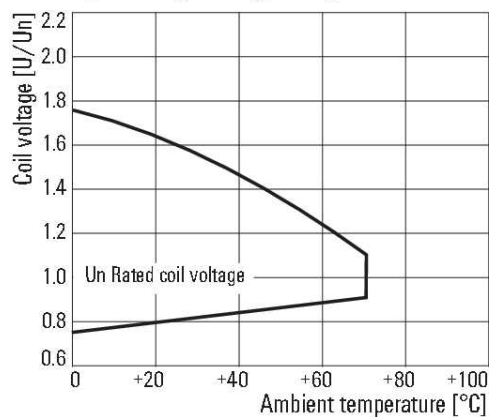
Electric symbol



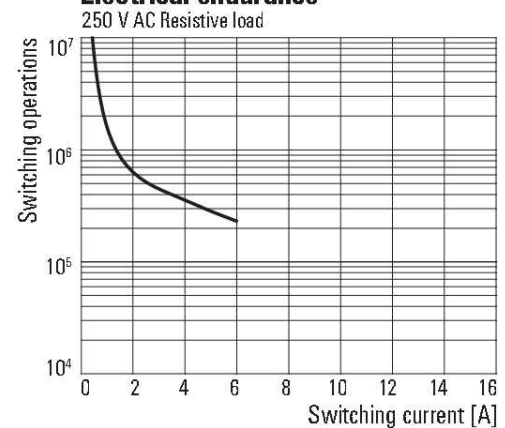
DC load breaking capacity



Operating voltage range AC



Electrical endurance



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Mating connector (fully pluggable)**Base**

Relay base for RIDERSERIES RCM relays

- 2, 3 and 4 CO contacts
- Screw and PUSH IN wire connection
- Standard and low heights

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SCM-I 4CO	8869420000	RIDERSERIES, Relay base, Continuous current: 6 A, Screw connection	4032248614271	10 pc(s).
SCM-I 4CO P	8869430000	RIDERSERIES, Relay base, Continuous current: 6 A, PUSH IN spring connection	4032248614288	10 pc(s).
SCM-I 4CO N	8869390000	RIDERSERIES, Relay base, Continuous current: 6 A, Screw connection	4032248614257	10 pc(s).

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Drawings

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